



Climate Equity LA Series

Part II: Community-Driven Climate Resilience Solutions for LA

**Workshop #2: Community-Driven Climate Resilience Solutions
and Challenges: Case Reflections**

April 14, 2022



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Zoom for Desktop

The screenshot shows the Zoom desktop interface. At the top, there's a toolbar with icons for Participants (1), Q&A, Polls, Chat, Share Screen, Record, and More. A dropdown menu labeled "Interpretation" is open, showing options: Off, English (selected), Spanish, Mute Original Audio, and Change Language Interpretation... Below the toolbar, there's a status bar with a globe icon and the word "Spanish".

Zoom mobile app

The screenshot shows the Zoom mobile app interface. At the bottom, there are icons for Unmute, Chats, Raise Hand, Q&A, and More. A central box displays "Disconnect Audio" and "Language Interpretation". The "Language Interpretation" screen has a back arrow, the title "Language Interpretation", and a "Done" button. It lists "Original Audio", "English", and "Spanish" with a checkmark next to "Spanish". At the bottom is a "Mute Original Audio" toggle switch, which is turned off.

All participants // Todos los participantes

Click on the language interpretation button &
select English or Spanish

Haga clic en el botón de interpretación de
idiomas y seleccione inglés o español

If you are choosing Spanish, make sure you
select "**Mute Original Audio**" so you will only
hear the Spanish audio

Si elije al Español, asegúrese de seleccionar
"Silenciar audio original" para que sólo
escuche el audio en Español



CLIMATE EMERGENCY MOBILIZATION OFFICE



Director of CEMO, Marta A. Segura, M.P.H.

- **Founding Director of the Climate Emergency Mobilization Office (CEMO), Board of Public Works (BPW), City of LA**
- **Executive Director of the Climate Emergency Mobilization Commission (CEMC)**
- *Former LA City Planning Commissioner:* As LA City Planning Commissioner, spearheaded the passing of Clean Up Green Up, Plan for a Healthy LA, re:code LA, the City's first Sustainability Plan, and its first Equity Day
- *Community Engagement Practitioner for Equitable Strategic Partnerships*
- *EJ Leader and Advocate since 1995*



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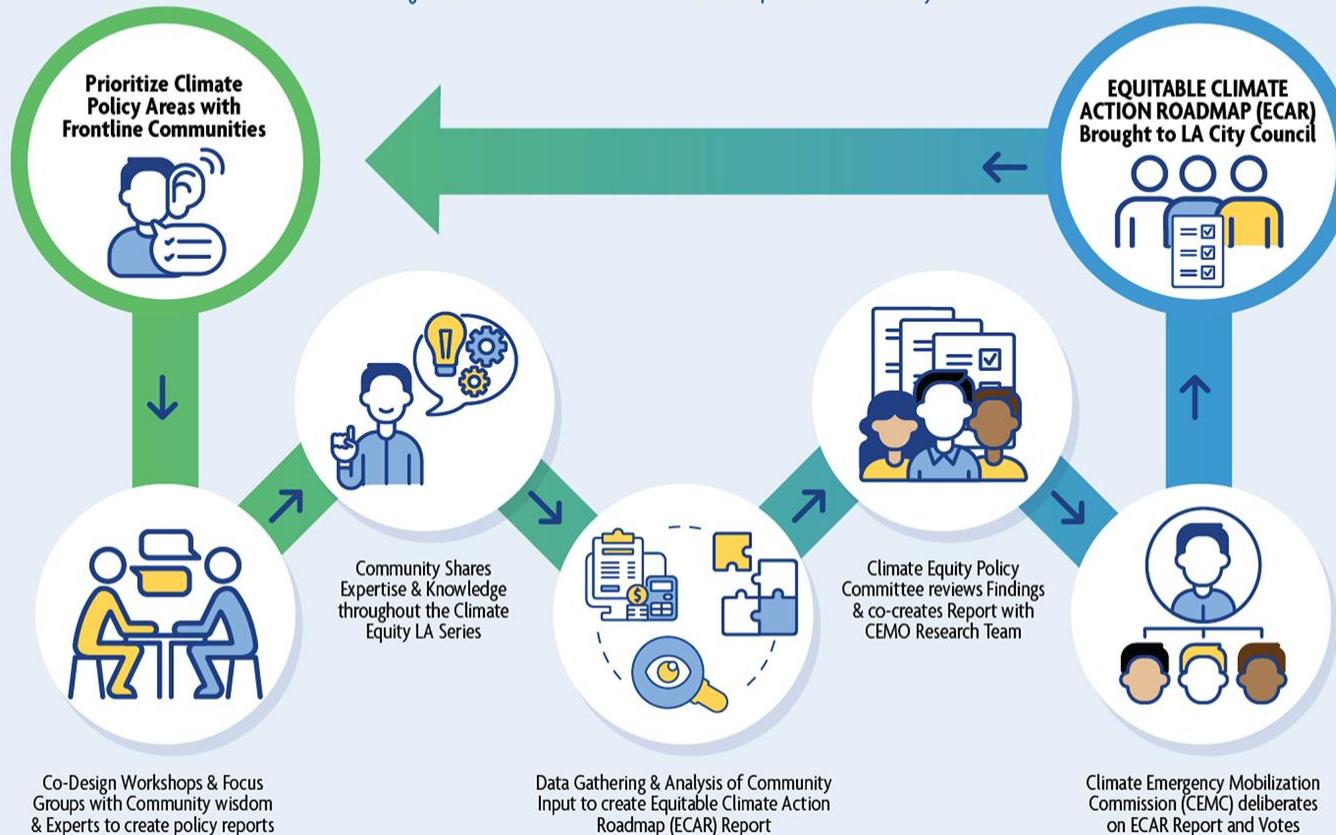
CEMO Vision

We seek to co-create collaborative, innovative, intersectional, and equitable community-led climate solutions to support community climate resilience, and significantly reduce climate-related health burdens, with a laser focus on frontline communities and to equitably increase climate infrastructure investments. This is the only pathway to solve the climate crisis.



CLIMATE EQUITY INNOVATIVE GOVERNANCE MODEL

Collaborating with Frontline Communities to Co-create equitable Climate Policy & Investments



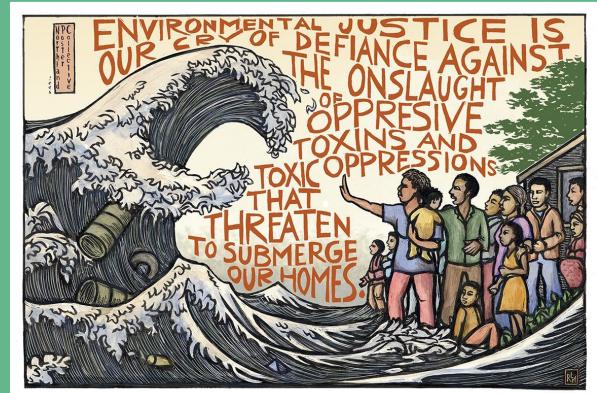


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Climate Equity LA

- **Create meaningful engagement and civic-led governance** strategies for equitable climate policies & investments
- **Shape recommendations for equitable** climate policies as per environmental equity metrics
- **Coordinate & collaborate** with City leaders to bring an equity lens to LA's Green New Deal, and engage and mobilize community to innovate governance
- **Deliver** an Equitable Climate Action Roadmap via Commission
- Bring report to **City Council**



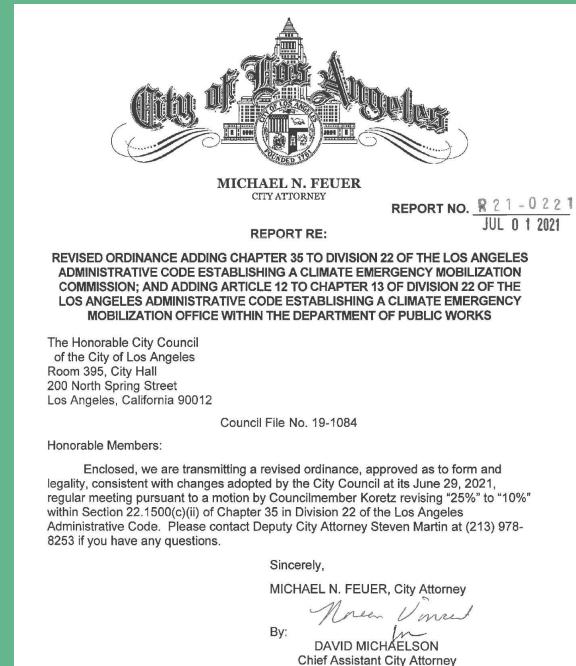


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Climate Emergency Mobilization Commission (CEMC)

- The Commission will consist of 19 voting members, **seven must represent the top 10% pollution-burdened segment noted in CalEnviroScreen.**
- Represents appointments from **Frontline communities, Labor, Climate, & Health Experts.**
- This commission is programmatic/advisory to Mayor and City Council via its facilitator, Marta Segura, the Executive Director of the Commission.
- **Ordinance no. 187126 dated July 1, 2021** from the LA City Council, Chapter 35, Division 22 of the Los Angeles Admin Code.





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CEMO Origins: LEAP L.A. Coalition



- EJ & Grassroots organizing led to the development of CEMO Community-driven public partnership
- Emphasis on frontline communities
- Deep stakeholder engagement
- Coalition building



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- LA's Energy Planning & Equity Strategy
- Building Decarbonization: Curriculum Design and Policy
- Community/Climate Resilience (Extreme Heat, Wildfires, Blackouts, Earthquakes, Cyber threats)
- Just Transition/Workforce Development
- Cumulative Air Emissions/Plastics



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Overarching Context for Climate Resilience Series

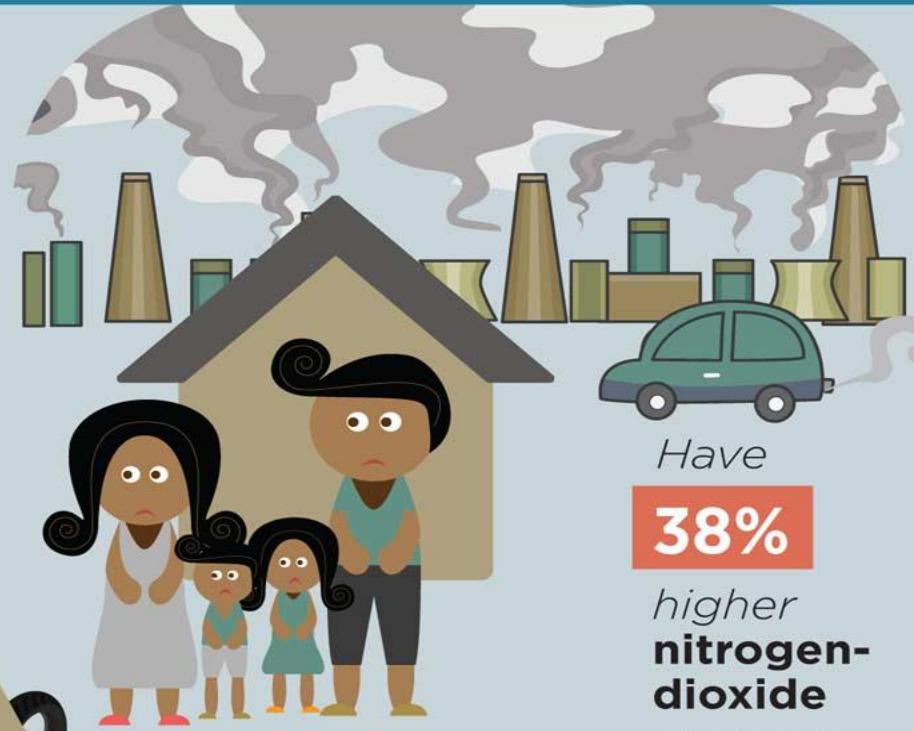
- Ensure frontline communities have **a strong voice in policy** and decision-making in the City of Los Angeles.
- Advise **on equitable climate resilience strategies and policies** to prevent, mitigate, and undo impacts from cumulative pollution burdens and disinvestments.
- Convey cumulative impacts and their role in exacerbating climate risks.
- Convey the decades of work of Environmental Justice advocates.
- Convey the role of environmental racism in creating unequal exposure, and climate risks and health impacts on frontline communities.

Environmental Racism Is Nothing New

Race is the most significant predictor of a person living near contaminated air, water, or soil.

56%

of the population near **toxic waste** sites are people of color.



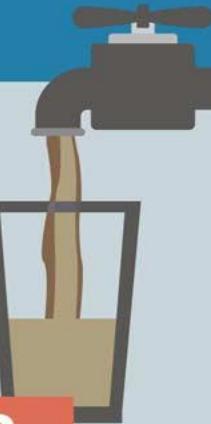
People of color:

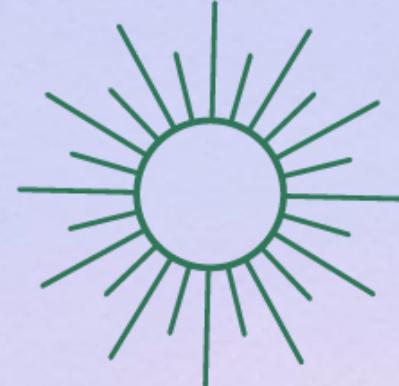
Have seen **95%** of their claims against polluters denied by the EPA.

Are

2x

more likely to live without **potable water** and **modern sanitation**.

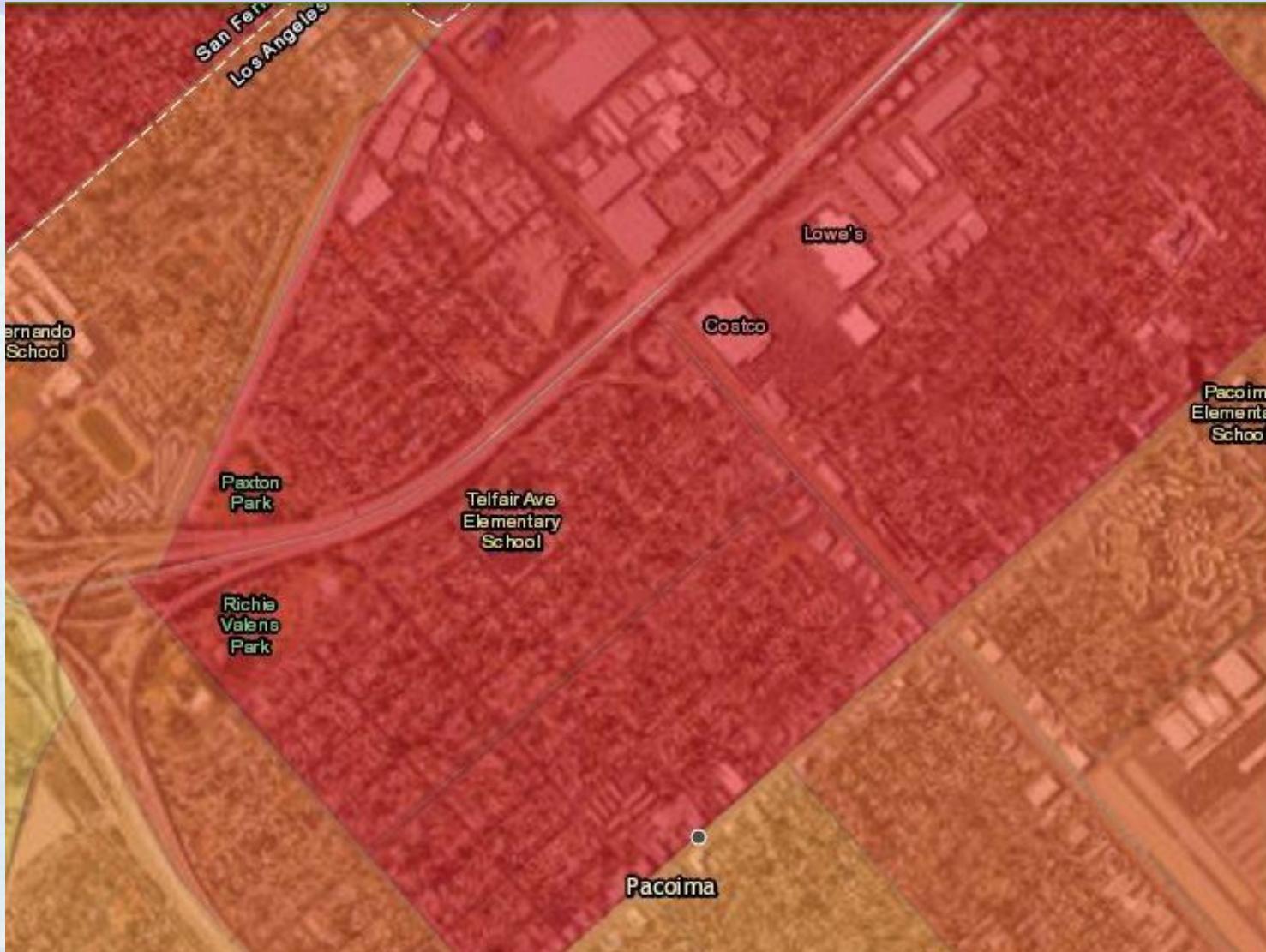




Pacoima
Beautiful

Our Mission

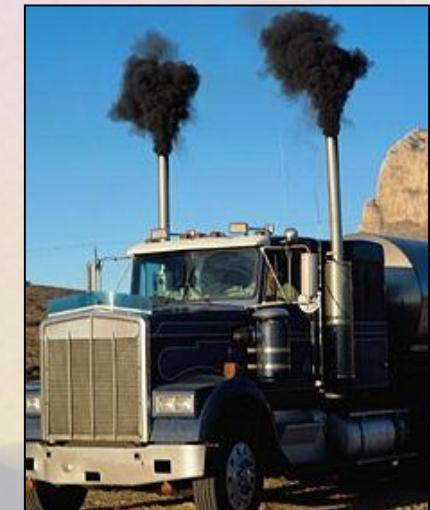
Pacoima Beautiful is a grassroots environmental justice organization that provides education, impacts local policy, and supports local arts and culture in order to promote a healthy and sustainable San Fernando Valley



CalEnviroscreen: Red means we are the 90th percentile meaning our pollution burden is incredibly high, this is what motivates our team to push for environmental justice.

Cumulative Impacts

Impactos Cumulativos



Bradley Plaza





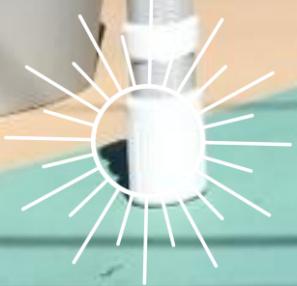




























ENOUGH IS ENOUGH
#SHUTDOWNWHITEHORSE











**Shut Down
Whiteman
Airport**





WHITE
NOT WE
to People

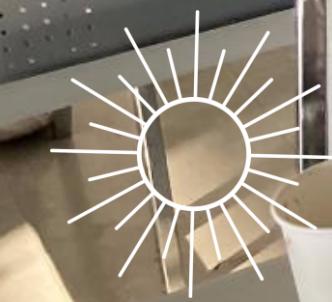
WHITEMA
¡NO MAI!
ES HORA QU
MARCH

¡Aire Limp
Todos!
Clean air
NO
gas vertes
despues
de los 10 mil

FLIGHTS
COST
THE
EARTH

STOP
POLLUTING
OUR AIR







Shut It Down!

We deserve less gas pollution
And more green energy solutions!

#NoGasLA #ValleyGasPlant #CleanEnergyforNESFV #ValleyMethaneLeak

www.pacoimabeautiful.org

@pacoimabeautiful

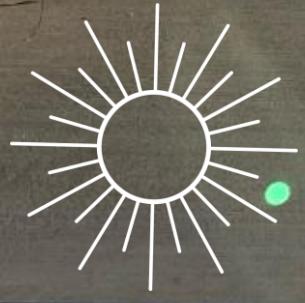
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EPB_Community

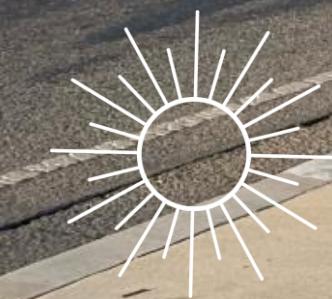




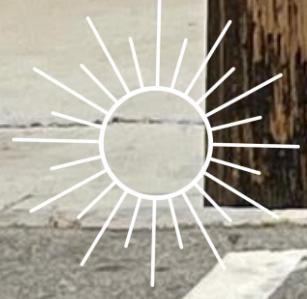
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EARTH DAY 2019



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EARTH DAY 2019





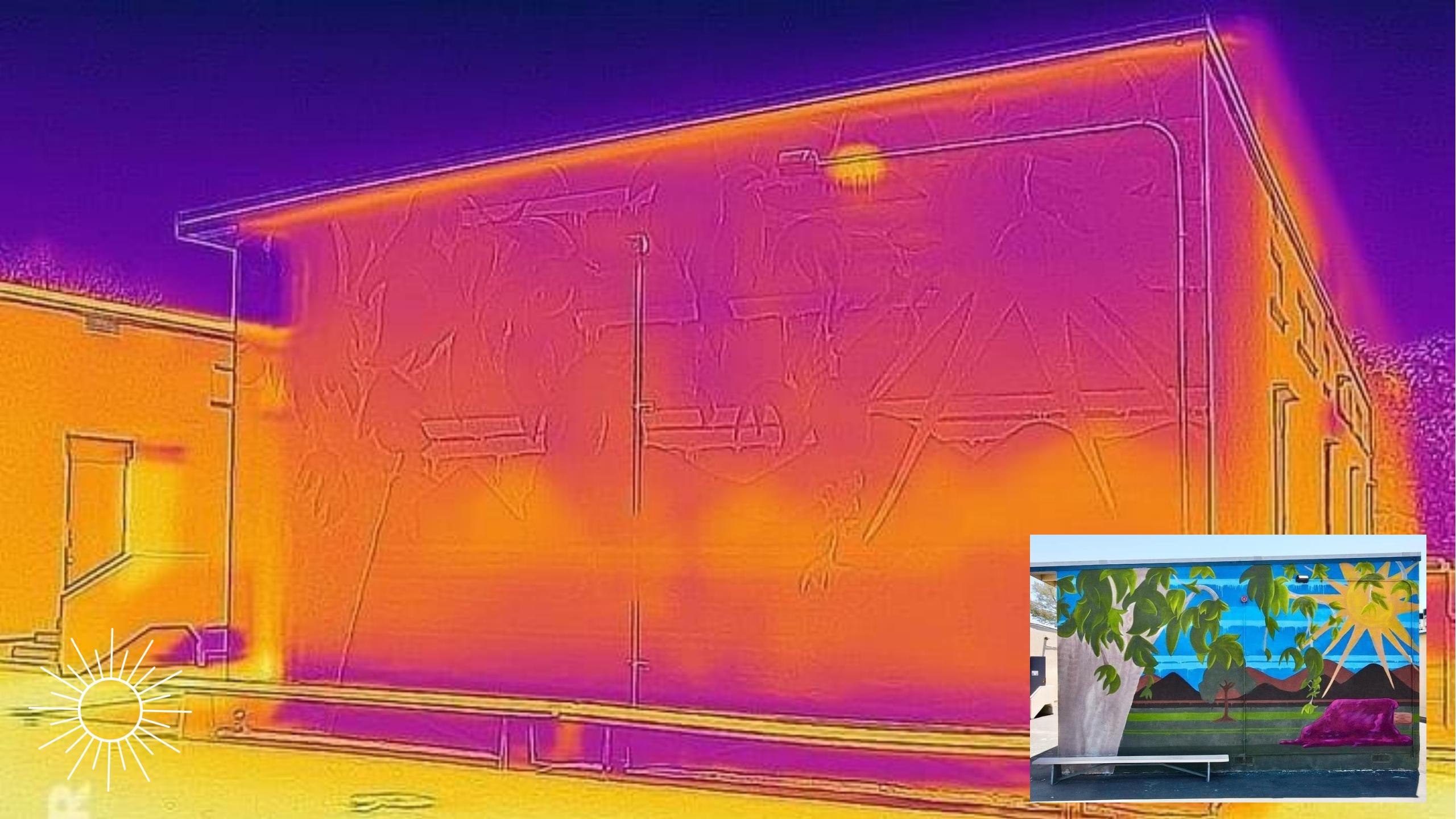


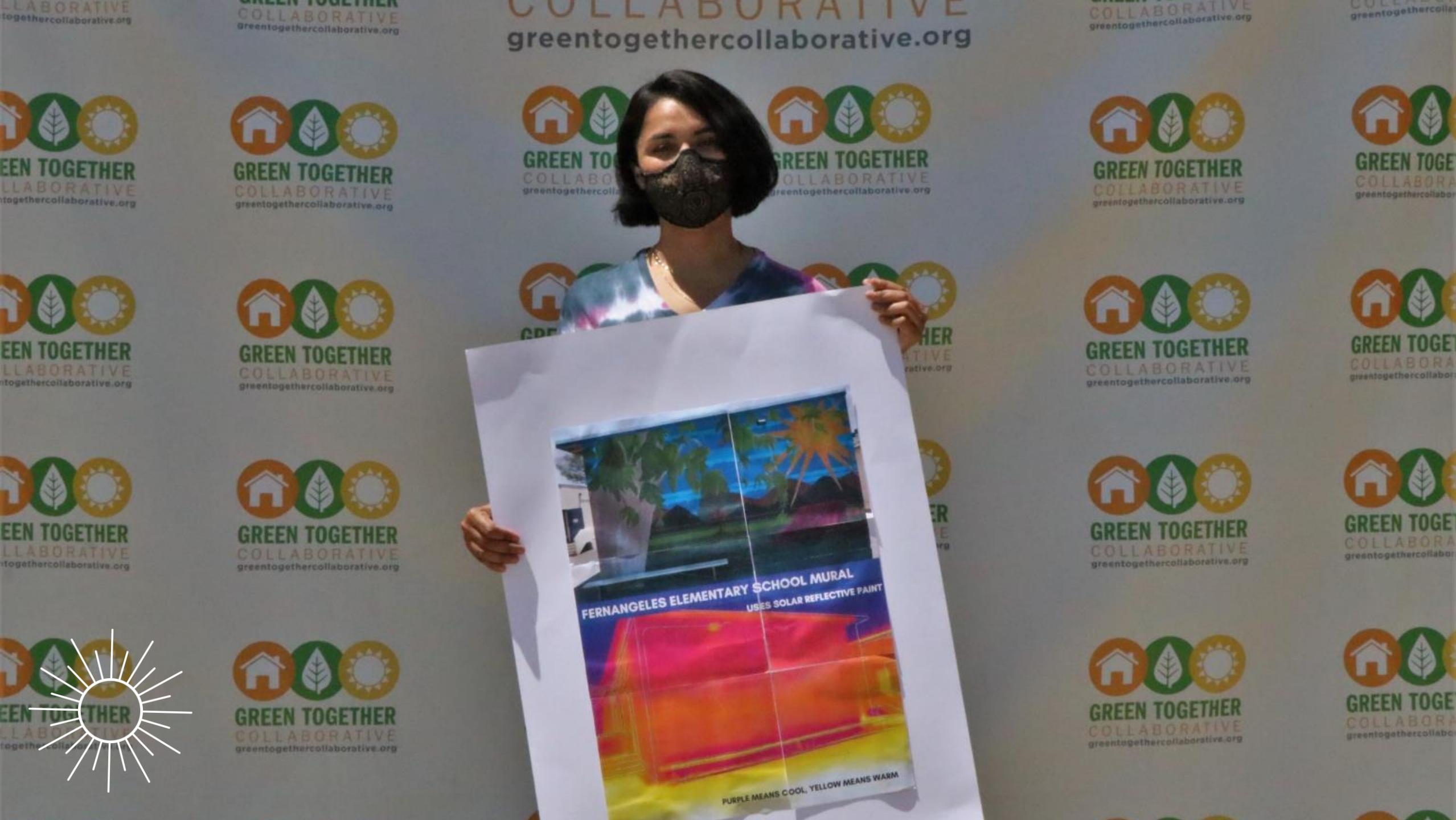












LLABORATIVE
togethercollaborative.org

GREEN TOGETHER
COLLABORATIVE
greentogethercollaborative.org

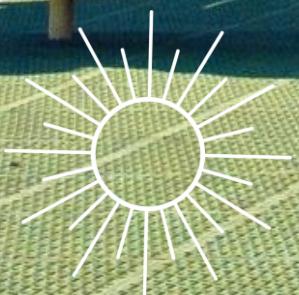
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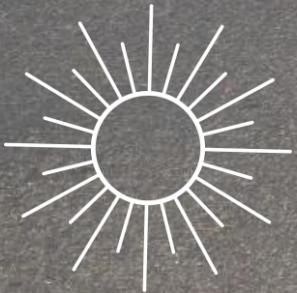
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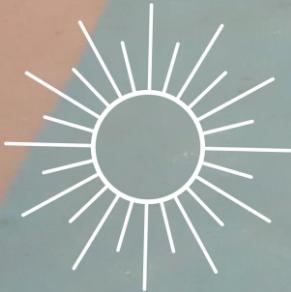
































PARKING
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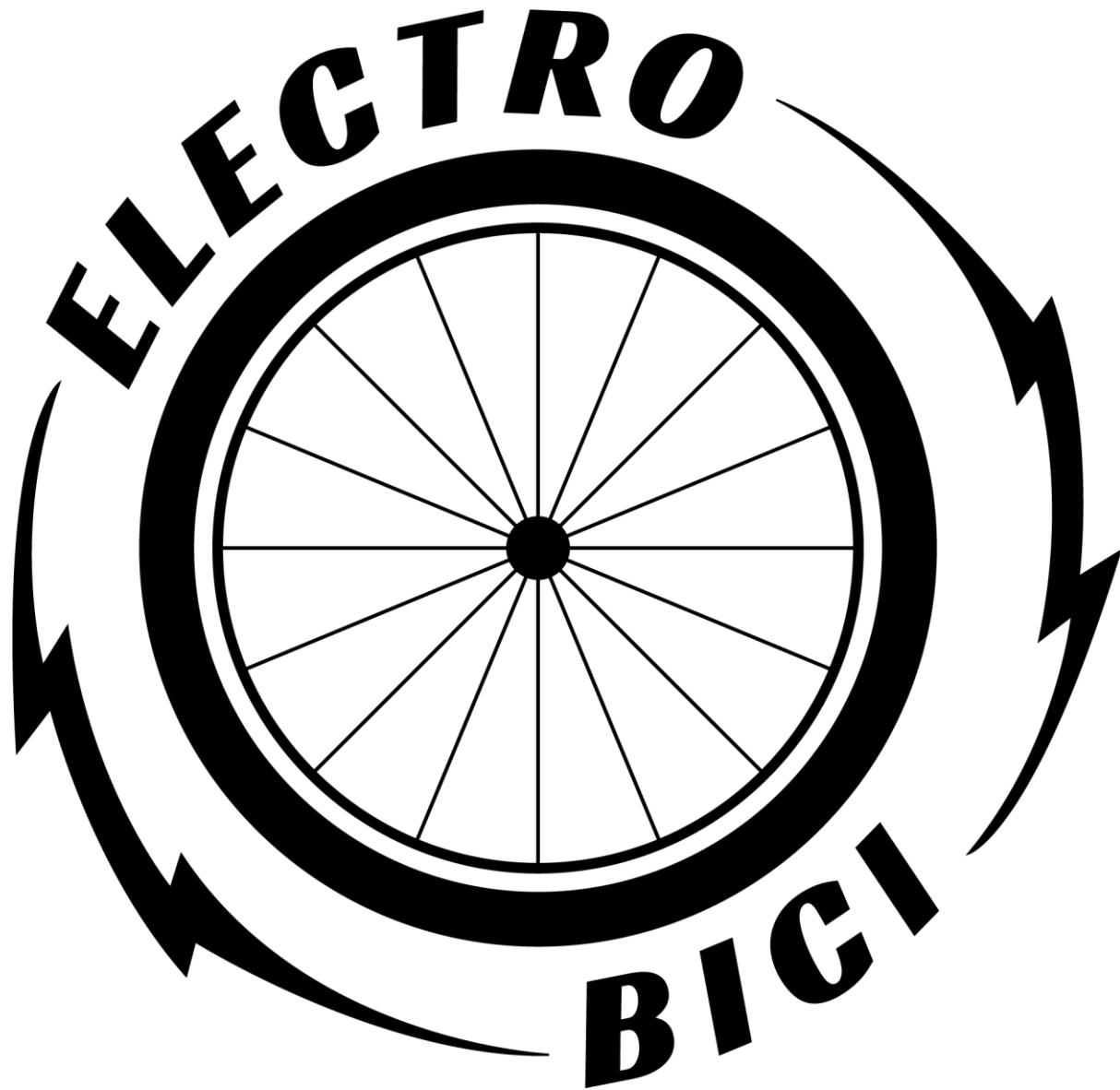
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Gracias

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Following the Kobe earthquake, the majority of individuals who were pulled from the rubble of their collapsed homes were **saved by neighbors, not firefighters or rescue workers** (Aldrich, 2012; Horwich, 2000; Shaw & Goda, 2004)

Aldrich and Meyer (2014) found that survival rates in Japanese communities impacted by the 2011 tsunami were determined not by the height of waves in that location, but by the level of social ties present.

Strong social ties are shown to be a larger driver of recovery than income (Massimi & Keam, 2020)

Siguiendo el terremoto de Kobe, la mayoría de los individuos que sacaron del derrumbe de sus casas colapsadas fueron rescatados por sus vecinos, no por bomberos ni trabajadores de rescate (Aldrich, 2012; Horwich, 2000; Shaw & Goda, 2004)

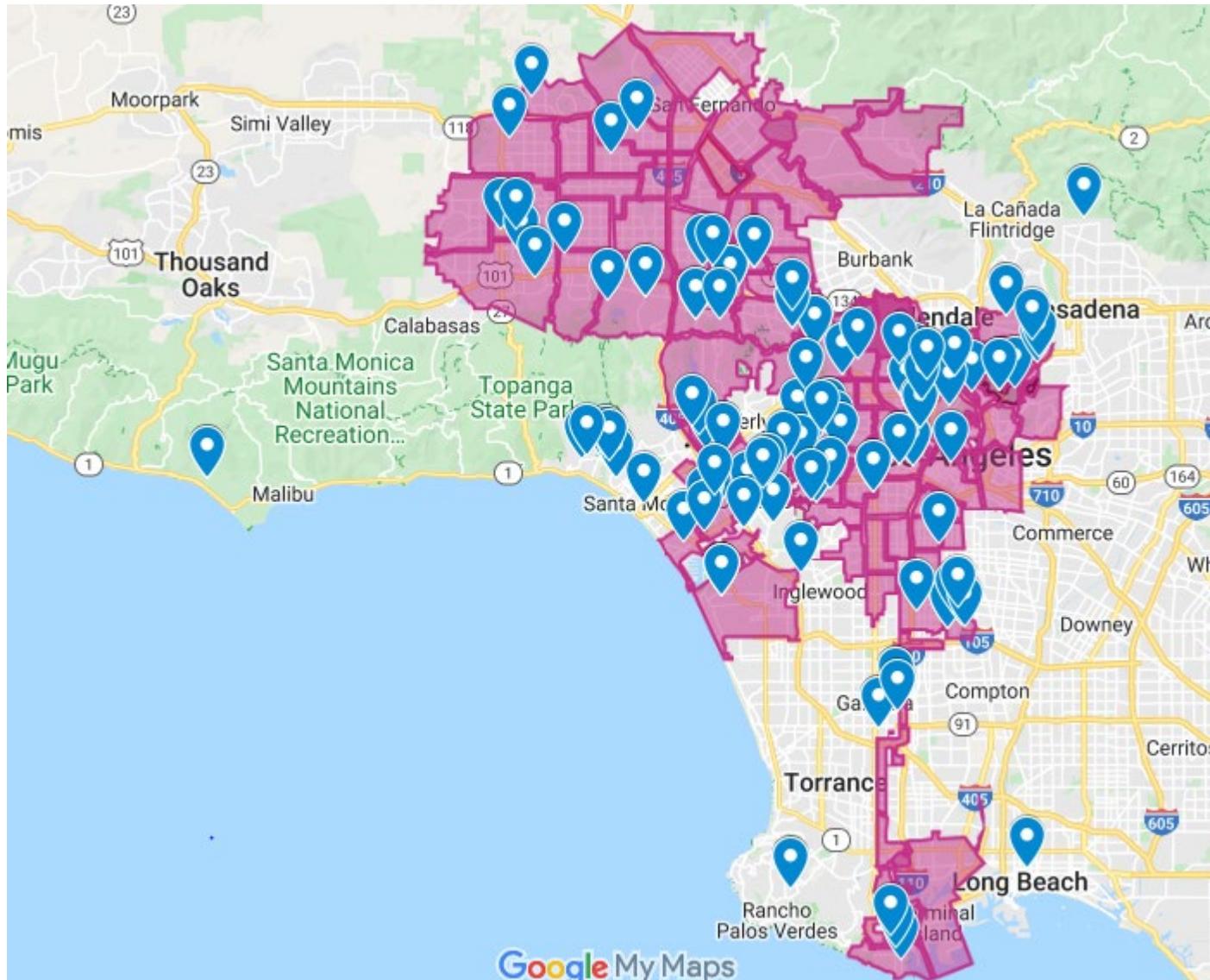
Aldrich y Meyer (2014) encontraron que los niveles de sobrevivencia en las comunidades Japonesas impactados por el tsunami del 2011 fue determinando no por el tamaño de las ola en es ubicación si no por los niveles de conexiones sociales que existían

Fuertes conexiones sociales han mostrado ser un factor mas grande en el proceso de recuperación que los niveles de ingresos

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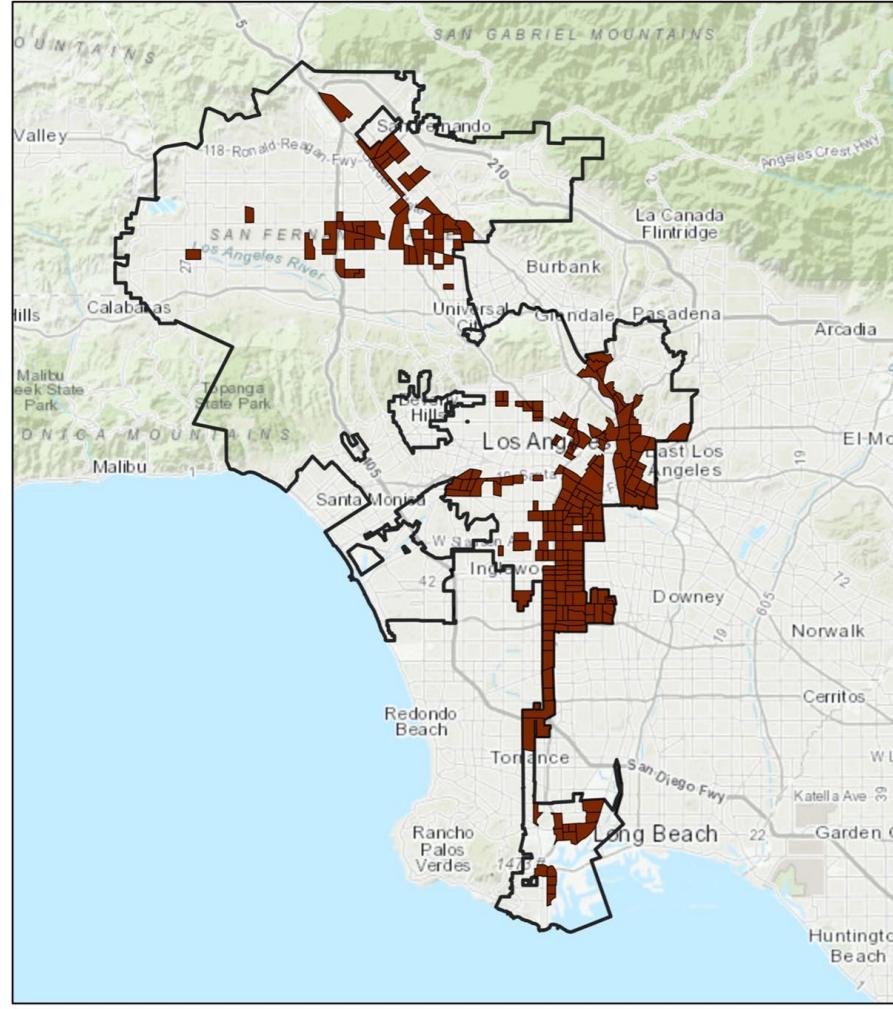


Overall Comparison: City of Los Angeles //

Comparación General: La Ciudad de Los Ángeles

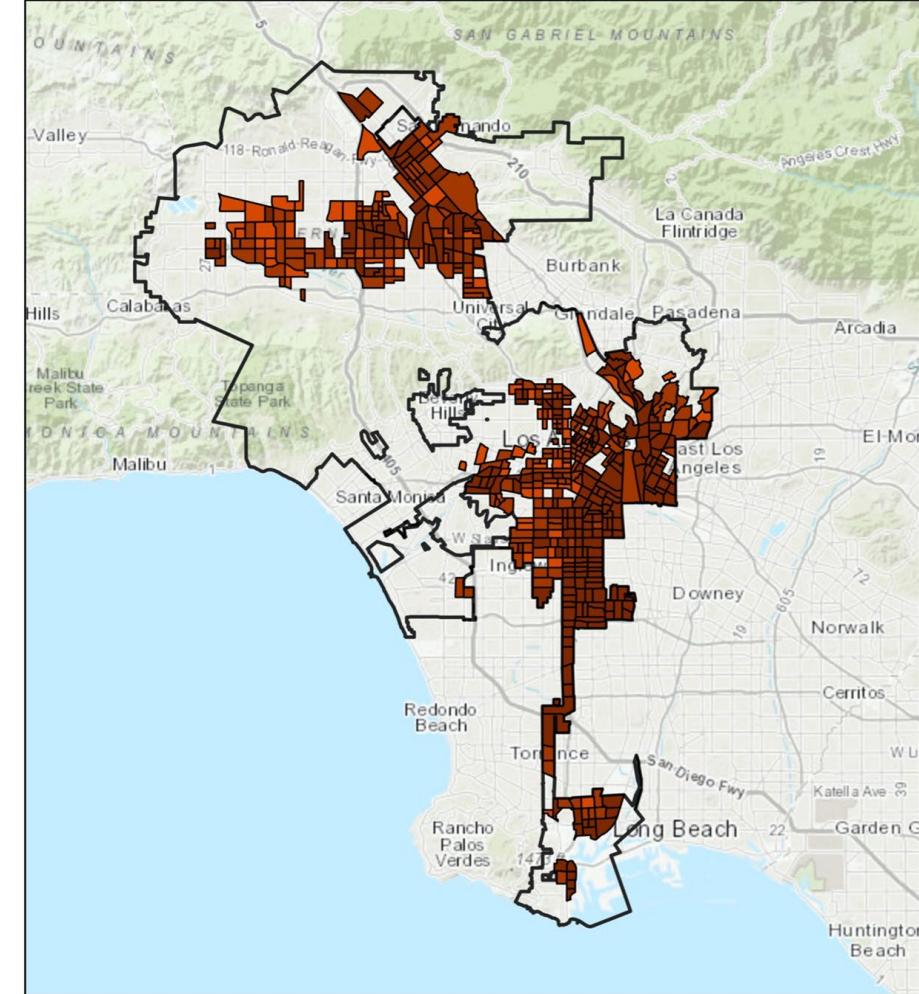
CalEnviroScreen - Mas alto 10% Puntaje - Ciudad de LA

CalEnviroScreen - Top 10% Score - City of Los Angeles



CalEnviroScreen - Mas alto 25% Puntaje - Ciudad de LA

CalEnviroScreen - Top 25% Score - City of Los Angeles



County of Los Angeles, Bureau of Land Management, Esri, HERE, Garmin, FAO, USGS, EPA, NPS, OEHHA

Join us! // iUnesé con nosotros!



ncsa.la/cool_blocks_la

ncsa.la/programa_de_cool_blocks_la

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**Zahirah Mann
President & CEO, SLATE-Z**



RESILIENT LOS ANGELES // LOS ÁNGELES RESILIENTE

Climate Equity LA

Community Driven Climate Resilience and Adaptation

April 14, 2022

WHAT IS A RESILIENCE HUB?

// ¿Qué es un Centro de Resiliencia?

OFF GRID SOLAR POWER

Designed to provide power during an emergency, and reconnect to the grid once power is restored.

Poder Solar sin Conexión

Designado a dar poder durante una emergencia, y reconectar a la red eléctrica después de que el poder regrese.



CLEAN WATER

Reinforcing existing water systems so communities have access to safe drinking water.

Agua Limpia

Reforzando sistemas existentes de agua para que comunidades puedan acceder agua limpia.

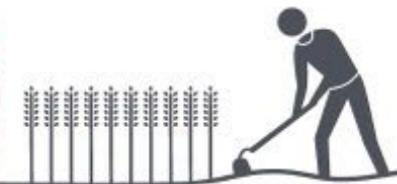


Centro de Comunicación

Un punto central para acceder las noticias y información durante y después de emergencias.

COMMUNICATION HUB

A single point for access to news and information during and after an emergency.



COMMUNITY GARDEN AND FARMING RESOURCES

To help small farmers recover lost supplies, seed and crops.

Jardines Comunitarios y Recursos Agrícolas

Ayudar pequeños granjeros recuperar materiales, semillas, y comida perdida.

What is Resilience? //

¿Qué es la resiliencia?

Resilience is the capacity to survive, adapt, and thrive in the face of chronic stresses or acute shocks, and to transform when conditions require it.

La Resiliencia es la capacidad de sobrevivir, adaptar, y prosperar contra incidentes frecuentes o choques intensos, y transformar cuando las condiciones lo requieren.



Shocks and Stresses // Choques y Estresantes

Disaster Preparedness and Recovery //

Preparación de Desastres Y Recuperación



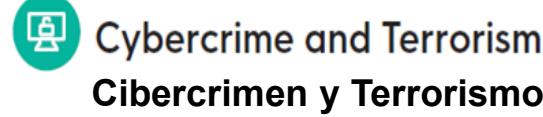
Earthquake
Terremotos



Fire
Incendio



Landslides
Derrumbes



Cybercrime and Terrorism
Cibercrimen y Terrorismo



Riot/Civil Unrest

Motín/disturbios civiles



Public Health Emergencies

Emergencias de salud pública



Chemical Emergencies

Emergencias químicas



Tsunami

Tsunami

Climate Adaptation // Adaptación Climática



Climate Change
Cambio Climático



Drought
Sequía



Air Quality/Pollution
Calidad del Aire/Polución



Severe Weather and Flooding

Clima severo e inundaciones



Urban Heat Island
Isla de Calor Urbano



Sea Level Rise

Aumento del nivel del mar



Extreme Heat
Calor Extremo



Extreme Cold
Frío extremo

Economic Security // Seguridad Económica



Inequity



Inequidad

Education

Educación



Homelessness

Falta de vivienda



Lack of Affordable Housing

Falta de vivienda asequible



Crime and Violence

Crimen y violencia



Disparities in Employment

Disparidades en el empleo



Disparities in Health

Disparidades en la salud



Disparities in Access to Open Space

Disparidades en el acceso a espacios abiertos



Disparities in Access to Transit

Disparidades en el acceso al tránsito



Food Insecurity

Inseguridad alimentaria

Infrastructure Modernization // Modernización de Industria



Aging Infrastructure

Infraestructura envejecida



Infrastructure or Building Failure

Infraestructura o falla del edificio

Why Boyle Heights? // ¿Por qué Boyle Heights?

Population // Población: 99,243

Area // Área: 6.52 Square Miles

Earthquakes

- High density (among highest in LA)
- Older buildings (majority pre-1960)
 - Also makes heating/cooling more expensive

Climate Change & Air Quality

- Severe heat days
 - (Expected to at least double by 2040)
- Minimal tree canopy and other shading
- More/Hotter days = worse air quality,
- Proximity to industry and freeways

Terremotos

- Alta densidad (*uno de los mas denso de LA*)
- Edificios viejos (*Mayoría pre-1960*)
 - Hace que calificación/ enfriamiento sean mas caro

Cambio Climático y Calidad de Aire

- Días severos de calor
 - (*Anticipan que va duplicarse para 2040*)
- Lo mínimo de cobertura de árbol y otros tipos de sombra
- Mas Frecuente/Caliente Días = Peor calidad de aire
- Cerca de industria y autopistas





BOYLE HEIGHTS ARTS CONSERVATORY

- Already serves as a Resilience Hub
 - Career Training (High Tech)
 - Community Meeting Place
 - Youth Education
 - Community Historic Significance
 - Make-Shift Emergency Shelter
- Radio Station (w/ Emergency Broadcast Capability)
- Large Event Venue
- Pizzeria in storefront (with wood-fired oven)
- Ya sirve como Centro de Resiliencia
 - Entrenamiento para carreras (Alta Tecnología)
 - Espacio para reuniones comunitarias
 - Educación juvenil
 - Significativo histórico para la comunidad
 - Refugio de emergencia improvisada
- Estación de Radio (con Capacidad de Emisiones de Emergencia)
- Grande espacio para eventos
- Pizzería en la vidriera (con ornó de lena)



Boyle Heights Resilience Hub Partners //

Compañeros del Centro de Resiliencia de Boyle Heights



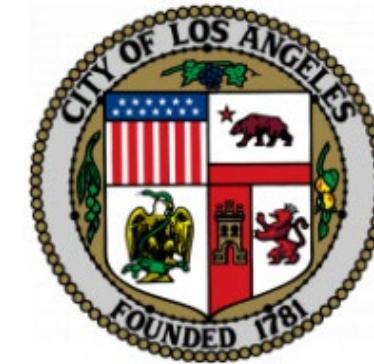
Los Angeles
Department of
Water & Power



American
Red Cross
Los Angeles Region



USGBC LA
U.S. GREEN BUILDING COUNCIL LOS ANGELES



USDN | urban sustainability
directors network

JPMorgan Chase
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Thank you for joining us!



Contact information

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We want to hear from you!

Part 2, Workshop #2 survey:
bit.ly/Resilience-Survey2

Please complete the brief post-event survey to
help us improve our events & gather the
community's input as part of the [CEMO Blueprint](#)
[model](#) to co-create equitable climate policy.